

Application No. 10/570,125  
Paper Dated: February 25, 2010  
In Reply to USPTO Correspondence of November 25, 2009  
Attorney Docket No. 4647-060533

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/570,125 Confirmation No. : 7408  
Applicant : Albert J. Banes et al.  
Filed : October 23, 2006  
Title : MODULATION OF CELL INTRINSIC STRAIN TO  
CONTROL MATRIX SYNTHESIS, SECRETION,  
ORGANIZATION AND REMODELING  
Group Art Unit : 1635  
Examiner : Terra C. Gibbs  
Customer No. : 28289

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**AMENDMENT**

Sir:

In response to the Office Action dated November 25, 2009, Applicants submit this Amendment together with a Request for Continued Examination ("RCE"), Exhibit A, Qi *et al.*, "IL-1 $\beta$  decreases the elastic modulus of human tenocytes," J. APPL. PHYSIOL. (Apr 20, 2006) 101: 189-195, 189, Exhibit B, Qi *et al.*, "Interleukin-1 $\beta$  increases elasticity of human bioartificial tendons," TISSUE ENGINEERING (Nov. 10, 2006) 12: 2913-2925, 2913, Exhibit C, Farahani *et al.*, "The hypothesis of 'biophysical matrix contraction': wound contraction revisited," INT'L WOUND JOURNAL (2008) 5: 477-482, and a Supplemental Information Disclosure Statement ("IDS"). This Amendment contains the following parts:

**Amendments to the Claims** begin on page 2 of this paper; and

**Remarks** begin on page 4 of this paper.

I hereby certify that this correspondence is being  
electronically submitted to the United States Patent  
and Trademark Office on February 25, 2010.

02/25/2010

Date

Signature

Mary Ann Mulvihill

Typed Name of Person Signing Certificate